

# Schott CV-LS RGBW Light Source

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### Product Downloads

### General

>50,000 **Operating Lifetime (hours):**

A20980/RGBW **Model Number:**

Yes **Intensity Control Option:**

LED Illuminator **Type of Illumination:**

SCHOTT

Manufacturer:

Constant

Illumination Mode:

## Physical & Mechanical Properties

129W x 201D x 59.69H

Dimensions (mm):

0.816

Weight (kg):

## Optical Properties

Red, Green, Blue, or White

Color:

## Electrical

Red: 130  
Green: 250  
Blue: 70  
White: 400

Output Power (Lumens):

## Hardware & Interface Connectivity

24 DC

Input Voltage (V):

Power Supply:  
Power Cord Required and Sold Separately.  
USA: [#75-296](#)  
Europe: [#75-298](#)  
UK: [#75-297](#)  
China: [#75-296](#)  
Japan: [#78-580](#)  
Korea: Not Available

## Environmental & Durability Factors

0 to 45

Operating Temperature (°C):

Red: 625  
Green: 530  
Blue: 460  
White: 6300

Color Temperature (K):

## Regulatory Compliance

[View](#)

Certificate of Conformance:

## Product Details

- Heat-Free, Remote Fiber-Optic Illumination
- Designed for Stereo Microscopy and Machine Vision Applications
- Two Light Source Models Available

SCHOTT ColdVision Fiber Optic Illuminators are engineered to deliver uniform light quality while minimizing the thermal impact on illuminated objects. Light sources, light guides, and various mechanical and optical accessories allow for easily customizable illumination based on machine vision or microscopy applications. SCHOTT ColdVision Fiber Optic Illuminators are available in two light source models, the CV-LS series and the MC-LS model. Available in Cool White or RGBW, the CV-LS series contains an optical feedback loop that controls light intensity for consistent, reproducible results in industrial inspection applications. The MC-LS model offers a maximum light intensity of 850 lumens and supports continuous dimming from 0 to 100%, accommodating all levels of stereo microscopy.

**Note:** Power cord sold separately. See specifications for specific products.